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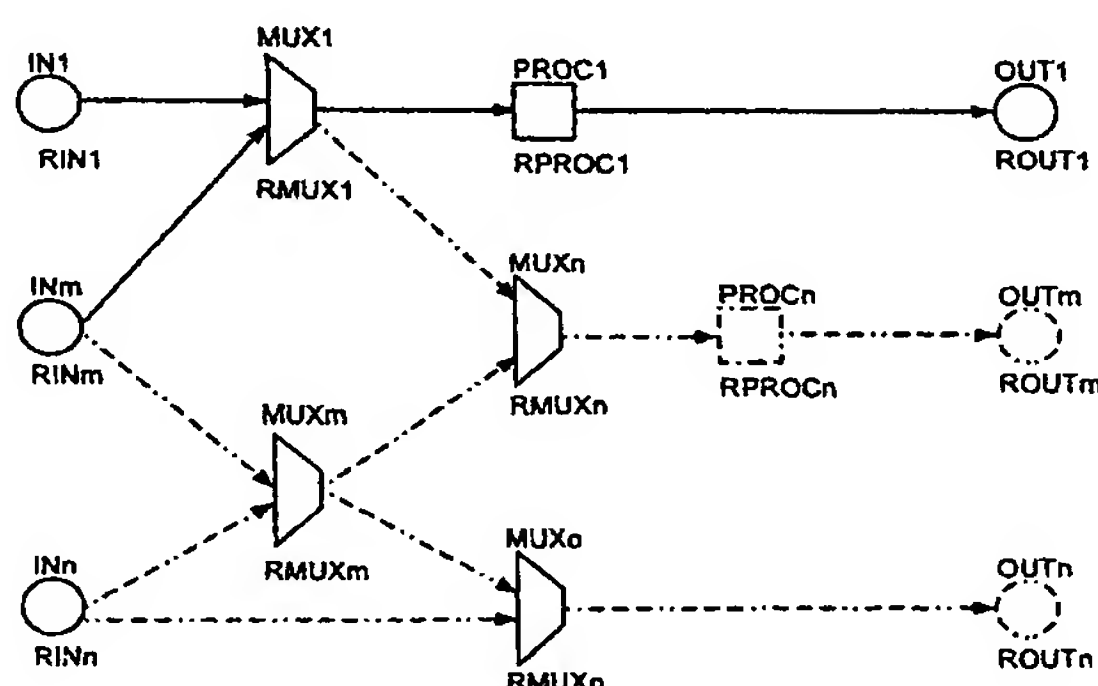
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[Continued on next page]

(54) Title: A METHOD FOR DATA FLOW CONTROL IN A PACKET DATA TRANSMISSION SYSTEM AND A DEVICE FOR DATA FLOW CONTROL IN A PACKET DATA TRANSMISSION SYSTEM



(57) Abstract: The objects of the invention are a method for control of data flow in a packet data transmission and a device for control of data flow in a packet data transmission, both being applicable for example in systems of data transmission in formats used in digital television. The method according to the invention is based on the fact that to a data processing device, comprising a network of nodes in the form of input nodes (IN1 - INn), output nodes (OUT1 - OUTn) and intermediate nodes such as data processing nodes (PROC1 - PROCn) or multiplexers (MUX1 - MUXo), the nodes being connected as a free-defined structure, signals are supplied to input nodes (IN1 - INn) and from the data packets retrieved from these nodes (IN1 - INn) transmission units are created. Whenever a packet is available at the node input (MUX1 - MUXo, PROC1 - PROCn, OUT1 - OUTn), a check is made whether the general rules (R) apply to a given unit and in case of a positive result of this check, the commands, determined by these rules, are executed and then a check is made whether the input rules apply to a given unit. If they do, the commands, determined by these rules, are executed and then the node function is preformed (IN1 - INn, MUX1 - MUXo, PROC1 - PROCn, OUT1 - OUTn), followed by a check if the output rules apply to a give unit. In the output nodes (OUT1 - OUTn) the packets are extracted from transmission units. The method according to the invention is performed by a device disclosed in the application.



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B. FIELDS SEARCHED

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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/052864 A (SCIENTIFIC ATLANTA) 4 July 2002 (2002-07-04) page 5, lines 11-28 page 6, lines 8-24 page 11, line 15 - page 12, line 34 page 13, lines 14-27 page 21, lines 6-11 page 21, line 28 - page 22, line 4 page 25, lines 3-18 figures 7-17	1-13
A	EP 0 901 261 A (HITACHI LTD) 10 March 1999 (1999-03-10) figures 5-12, 16, 19 the whole document	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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